

## INNERBOND C-931 Subfloor Adhesive

C-931 Subfloor Adhesive is a one-component, ready-to-use, RTV silicone material that cures to a tough, rubbery solid when exposed to atmospheric moisture. It is specially formulated to bond to a wide range of interior and exterior common building materials. C-931 is recommended for increasing the stability of framed wall units and subfloor systems.

C-931 Subfloor Adhesive offers the following advantages:

- Thixotropic, paste consistency - products will flow only with external pressure. Can be applied to vertical, horizontal and overhead surfaces without sagging, slumping or run-off.
- Excellent adhesion properties - will bond to many surfaces without the use of primers.
- Provides excellent resistance to weathering, vibration, moisture, ozone and UV radiation.

### TYPICAL PROPERTIES

<b>CONSISTENCY</b>	Spreadable paste	<b>TOOLING TIME (77°F, 50% RH)</b>	5 - 10 minutes
<b>TACK FREE TIME (77°F, 50% RH)</b>	20 - 30 minutes	<b>CURE TIME (1/8" thickness, 77°F at 50% RH)</b>	24 - 36 hours
<b>HARDNESS, SHORE A, POINTS</b>	33	<b>PEEL STRENGTH, PDI</b>	Glass - 49 Aluminum - 44

### LIMITATIONS

Innerbond C-931 Subfloor Adhesive will corrode or not adhere to copper, brass (and other copper-containing alloys), magnesium, zinc and galvanized metals (and other zinc-containing alloys). This sealant is not recommended for use on brick masonry and cementitious substrates. Best adhesion and compatibility are not achieved with substrates made of methylmethacrylate (PLEXIGLAS®), polycarbonate, polypropylene, polyethylene and polytetrafluoroethylene (TEFLON®). This sealant is not recommended for below-grade applications or for joints with extreme movement, and is not intended for structural glazing. Do not use in areas where abrasion and physical abuse are encountered.

### HOW TO USE

Prepare all surfaces by making sure they are clean, dry and free from foreign substances. Cut and pre-fit material before applying adhesive. Puncture inner seal (if applicable) at base of nozzle. Insert cartridge in standard caulking gun. For best results apply at a temperature no lower than 50°F.

Use on a conventional subfloor to prevent squeaking and for added structural strength. Apply a 1/4" zigzag bead of adhesive on each joist. Lay sheets with plywood face grain at right angle to joists, applying two zigzag beads where sheets meet. To allow for wood expansion, space all joists 1/16" apart and use 8D annular or spiral nails, 12" on center to nail section into place.

The sealant should be tooled immediately after application and before a skin forms, using light pressure to spread it against the substrate. Uncured sealant may be cleaned from non-porous surfaces and tools using a solvent such as xylene. On porous surfaces, allow the sealant to cure and remove by abrasion.

## **CAUTION**

Uncured Innerbond C-931 Subfloor Adhesive will irritate the eyes. In case of contact with eyes, flush with water for 15 minutes and consult a physician. The uncured sealant may also irritate the skin. Prompt removal by wiping with a dry cloth or paper towel, followed by washing the skin with soap and water is recommended.

Innerbond C-931 Subfloor Adhesive releases acetic acid vapors during the curing period. Effective ventilation must be maintained during application and curing to limit the concentration of acetic acid vapor (which is irritating to the eyes and breathing passages). Wearing of contact lenses during use should be avoided because vapor may be trapped behind the lenses. OSHA regulations have established a Threshold Limit Value (TLV) for acetic acid at 10 ppm. Use only in well-ventilated work areas.

## **STORAGE AND SHELF LIFE**

When stored in the original, unopened container at temperatures less than 90°F, Innerbond C931 Subfloor Adhesive offers a shelf life of 1 year. After the container has been opened, a plug of cured material may form in the nozzle or tube tip during storage. This is easily removed and does not affect the remaining contents.

## **PACKAGING**

Innerbond C931 Subfloor Adhesive is available in a 10.1 ounce cartridge. Cartridges are packed 12/case.

## **NOTE**

The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since Inland, Inc. cannot know all of the uses to which its products may be put or the conditions of use, it makes no warranties concerning the fitness or suitability of its products for a particular use or purpose.

Thorough testing of our product on any proposed use should be conducted prior to each application. It is the responsibility of the consumer to evaluate the performance of our product in each given application. Likewise, if the manner in which our products are used requires governmental approval or clearance, it is the user's responsibility to obtain it.

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